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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PREPARING ORGANIC ACID

(57) Abstract: Provided is a method for producing an organic acid, which includes: mixing a compound containing one or two aldehyde groups and a solvent to obtain a reaction mixture; and maintaining the reaction mixture in a liquid phase in the presence of pure oxygen or O₂-enriched air containing 25-90 % oxygen at a temperature of a 0-70 °C, under a pressure condition of an atmospheric pressure to 10kg/cm², and for 2-10 hours. The method can enhance the selectivity of the organic acid, thereby increasing the yield of the organic acid.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07C 51/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for the inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5686638 A (DSM Chemie Limz GmbH) 11 November 1997 see column 1, the table in column 5	1-5
A	US 4273936 A (Union Carbide Corporation) 16 June 1981 see abstract	
A	US 5237092 A (Mitsubishi Gas Chemical Company, Inc.) 17 August 1993 see abstract	
A	WO 03/008367 A2 (Novartis AG) 30 January 2003 see abstract	

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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 "&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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